| PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004  |                |   |  |                               |               |                                     |     |   | Application or Docket Number |     |                     |                        |
|---|----------------|---|--|-------------------------------|---------------|-------------------------------------|-----|---|------------------------------|-----|---------------------|------------------------|
| CLAIMS AS FILED - PART I (Column 1) (Column 2)  |                |   |  |                               |               |                                     | _   | SMALL ENT<br>TYPE                       |                              | OR  | OTHER '             |                        |
| U.S   | . NATIONAL S   | STAGE FEES                                |  | 1                             |               |                                     | 1   | RATE                                    | FEE                          | 1   | RATE                | FEE                    |
| BAS   | SIC FEE        |   | SMALL ENT.                                       | = \$ 150                      | LARG          | GE ENT. = \$ 300                    | 1 / | BASIC FEE                               | 15 D                         | OR  | BASIC FEE           |                        |
| EXA   | MINATION FEE   | .E  | Satisfies PCT Art<br>(4) = \$50 /                |                               |               | ther situations = 100 / \$ 200      |     | EXAM. FEE                               | 100                          | 1 ' | EXAM. FEE           |                        |
| SEA   | ARCH FEE .~    |   | U.S. is ISA = \$ ALL other cour<br>\$ 200 / \$ 4 | 50 / \$ 100<br>untries =      | Allott        | ther situations =<br>3 250 / \$ 500 |     | SEARCH FEE                              | 909                          |     | SEARCH FEE          |                        |
| FEE   | FOR EXTRA SI   | PEC. PGS.                                 | minu   | us 100 =                      |               | / 50 =                              | 1   | X \$ 125 =                              |                              | 1   | X \$ 250 =          |                        |
| тот   | TAL CHARGEAB   | 3LE CLAIMS                                | 12 min   | nus 20 =                      | *             |                                     | 1 / | X \$ 25 =                               |                              | OR  | X \$ 50 =           |                        |
| INDE  | EPENDENT CLA   | AIMS                                      | <del>                                     </del> | ninus 3 =                     | *             |                                     | 1 ' | X \$ 100 =                              |                              | OR  | X \$ 200 =          |                        |
| MUL   | TIPLE DEPEN    | IDENT CLAIM PRE                           | ESENT  |                               |               |                                     | 1   | + \$ 180 =                              |                              | OR  | + \$ 360 =          |                        |
| * If  | the difference | e in column 1 is l                        | less than zero                                   | , enter "(                    | 0" in co      | olumn 2                             | J . | TOTAL                                   |                              | OR  | TOTAL               |                        |
| CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)  |                |   |  |                               |               |                                     | -   | OTHER THAN SMALL ENTITY OR SMALL ENTITY |                              |     |                     |                        |
| NT A  |                | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |  | HIGH<br>NUM<br>PREVIO<br>PAID | MBER<br>OUSLY | PRESENT<br>EXTRA                    |     | RATE                                    | ADDI-<br>TIONAL<br>FEE       |     | RATE                | ADDI-<br>TIONAL<br>FEE |
| AMENDMENT   | Total          | *   | Minus  | **                            |               | =                                   |     | X \$ 25 =                               |                              | OR  | X \$ 50 =           |                        |
| AMEN  | Independent    | *   | Minus  | ***                           |               | =                                   |     | X \$ 100 =                              |                              | OR  | X \$ 200 =          |                        |
|   | FIRST PRES     | SENTATION OF M                            | AULTIPLE DEPF                                    | ENDENT                        | CLAIM         |                                     |     | + \$ 180 =                              |                              | OR  | + \$ 360 =          |                        |
| <i>-</i>  | <del></del>    |   |  |                               |               |                                     |     | TOTAL ADDIT.<br>FEE                     |                              | OR  | TOTAL ADDIT.<br>FEE |                        |
| _   |                | (Column 1)                                |  | (Colur                        |               | (Column 3)                          | -   |   |                              |     |                     |                        |
| NT B  |                | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |  | HIGH<br>NUM<br>PREVIO<br>PAID | IBER<br>OUSLY | PRESENT<br>EXTRA                    |     | RATE                                    | ADDI-<br>TIONAL<br>FEE       |     | RATE                | ADDI-<br>TIONAL<br>FEE |
| AMENDMENT B   | Total          | *   | Minus  | **                            |               | =                                   |     | X \$ 25 =                               |                              | OR  | X \$ 50 =           |                        |
| AMEN  | Independent    | *   | Minus  | ***                           |               | =                                   |     | X \$ 100 =                              |                              | OR  | X \$ 200 =          |                        |
|   | FIRST PRES     | SENTATION OF M                            | IULTIPLE DEPE                                    | ENDENT                        | CLAIM         |                                     | 11  | + \$ 180 =                              |                              | OR  | + \$ 360 =          |                        |
|   |                | -   |  |                               |               |                                     | •   | TOTAL ADDIT.<br>FEE                     |                              | OR  | TOTAL ADDIT.<br>FEE |                        |
| * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '20', enter "20".  *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '3', enter "3".  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. |                |   |  |                               |               |                                     |     |   |                              |     |                     |                        |